



## **AERATED WASTEWATER TREATMENT SYSTEM**

- The Aerated Wastewater Treatment System (AWTS) is structurally sound and watertight.
- A scum layer is present within the primary chamber of the AWTS.
- No solids are within the disinfection chamber of the AWTS.
- The AWTS has been de-sludged in the past 2-5 years.
- The AWTS and irrigation area are situated at least 3 metres from any building.
- All setback distances to site features as per the Environment and Health Protection Guidelines for On-site Sewage Management for single households are adhered to.
- The AWTS is serviced quarterly by a qualified professional
- The yard gully associated with the AWTS is in a good condition, above ground level and constantly charged with water. Grate on gully is free for removal when required.
- The grease trap, if installed, is in good condition and regularly cleaned out.
- An inlet and outlet T-junction are installed within the AWTS.
- There is no exposed pipe work.
- No pipe work is damaged or in a state of disrepair.
- The top of the AWTS tank (excluding lid) is 100mm above ground level.
- The irrigation system complies with AS1547, and fittings comply with AS1477 and AS2698.2.
- The irrigation line and sprinklers are not damaged or deteriorated.
- There is no evidence of surface ponding of wastewater around the AWTS and irrigation area.
- There is no odour from the AWTS or irrigation system.
- The irrigation area is barricaded to restrict access to children, stock or vehicles.
- There are four signs around the irrigation area advising that reclaimed wastewater is being used. The sign should state "Reclaimed Effluent. Do not drink. Avoid contact".
- The irrigation area is well maintained with no overgrown vegetation.
- Stormwater runoff is diverted away from the AWTS and irrigation area.
- No fruit or vegetables are growing in close proximity to the AWTS or the irrigation area.
- Backwash from swimming pools is diverted away from AWTS and disposal area.
- Induct vent is approximately 150mm off ground level.
- Induct vent is sealed and vermin proof.
- Grey water if not entering AWTS is discharged of underground.
- Biodegradable and low phosphorus and sodium household detergents are used.

**Other factors that also require consideration include land size, distance of AWTS and irrigation area to the nearest water body, soil type, number of bedrooms in the dwelling connected to the AWTS and the number of people living in the dwelling.**